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over the distorted forms now in use. Horizontal distances being proportional to the change in the index of refraction, the latter could be determined at once for any line, by a scale of equal parts. Its extent would be much greater than that of the visible spectrum, and we could determine the index of refraction of rays of too short wave-length to be measured readily by the common methods. It would be a normal spectrum for any given material, being independent of the form and position of the prism. And (especially if the interference bands were produced in it) it would afford, from its extent, great advantages for the study of the laws of the dispersion of light by different substances.

Five hundred and ninety-fourth Meeting.

May 12, 1868. — MONTHLY MEETING.

The PRESIDENT in the chair.

The Corresponding Secretary read letters relative to exchanges ; also a letter from Professor De La Rive in acknowledgment of his election into the Academy as a Foreign Honorary Member.

Mr. C. M. Warren presented by title a memoir on "Volatile Hydrocarbons in Pennsylvania Petroleum."

DONATIONS TO THE LIBRARY,

FROM JUNE 2, 1865, TO JUNE 30, 1866.

State of Massachusetts.

Report to His Excellency the Governor and the Honorable Council, of the Commissioners appointed under the Resolve of May 3, 1865, "concerning the Obstructions to the Passage of Fish in the Connecticut and Merrimack Rivers." 8vo pamph. Boston. 1866.

Massachusetts Historical Society.

Proceedings. 1864-1865. 8vo. Boston. 1866.

Massachusetts Institute of Technology.

First Annual Catalogue of the Officers and Students, and the Programme of the Course of Instruction, of the School of the Massachusetts Institute of Technology. 1865-66. 8vo pamph. Boston. 1865.

Boston Society of Natural History.

Proceedings. Vol. IX., X. 8vo. Boston. 1865 - 66.

Condition and Doings of the Boston Society of Natural History, as exhibited by the Annual Reports of the Custodian, Treasurer, Librarian, and Curators. May, 1865. 8vo pamph. Boston. 1865.

Trustees of the Public Library of the City of Boston.

Thirteenth Annual Report of the Trustees, 1865. 8vo pamph. Boston. 1865.

Boston Athenæum.

List of Books added to the Library of the Boston Athenæum, from December 1, 1864, to December 1, 1865. 8vo pamph. Boston. 1865.

Observatory of Harvard College.

Report of the Committee of the Overseers of Harvard College, appointed to visit the Observatory, in the Year 1864. Together with the Report of the Director. Submitted March 8, 1865. 8vo pamph. Boston. 1865.

Director of the Museum of Comparative Zoölogy.

Illustrated Catalogue of the Museum of Comparative Zoölogy at Harvard College. Published by Order of the Legislature of Massachusetts. No. I. Ophiuridæ and Astrophytidæ. By Theodore Lyman. No. II. North American Acalephæ. By Alexander Agassiz. 2 vols. 4to. Cambridge. 1865.

Annual Report of the Trustees of the Museum of Comparative Zoölogy. Together with the Report of the Director, 1865. 8vo pamph. Boston. 1865.

Essex Institute.

Proceedings. Vol. IV. 8vo. Salem. 1866.

An Historical Notice of the Essex Institute; with the Act of Incorporation, Constitution and By-Laws, and Lists of the Officers and Members. 8vo pamph. Salem. 1865.

Naturalists' Directory. Part I. North America and the West Indies. 8vo pamph. Salem. 1865.

American Antiquarian Society.

Proceedings of the American Antiquarian Society at a Special Meeting, January 17, 1865, in reference to the death of their former President, Hon. Edward Everett. 8vo pamph. Boston. 1865.

Proceedings at the Semiannual Meeting held in Boston, April 26, 1865. 8vo. Boston. 1865.

Proceedings at the Annual Meeting held in Worcester, October 21, 1865. 8vo. Cambridge. 1865.

Proceedings at a Special Meeting, March 16, 1866, and at the Semiannual Meeting at the Hall of the American Academy in Boston, April 25, 1866. 8vo. Cambridge. 1866.

American Oriental Society.

Journal. Vol. VIII. No. 2. 8vo. New Haven. 1866.

Editors of the American Journal of Science and Arts.

Journal. N. S. Vol. XL., XLI. 8vo. New Haven. 1865 - 66.

Lyceum of Natural History of New York.

Annals. Vol. VIII. Nos. 2-7. 8vo. New York. 1864-66.

Mercantile Library Association of the City of New York.

Forty-Fourth Annual Report of the Board of Directors, May, 1864 - April, 1865. 8vo pamph. New York. 1865.

Catalogue of Books in the Mercantile Library of the City of New York. 8vo vol. New York.

Mercantile Library Association of the City of Brooklyn.

Seventh Annual Report of the Board of Directors, March 30, 1865. 8vo pamph. Brooklyn, N. Y. 1865.

The Trustees.

Forty-First Annual Register of the Rensselaer Polytechnic Institute, Troy, N. Y., for the Academical Year 1864-65. 8vo. Troy, N. Y. 1865.

American Philosophical Society.

Transactions. N. S. Vol. XIII. Pt. I., II. 4to. Philadelphia. 1865.

Proceedings. Vol. X. No. 73, 74, 75. 8vo. Philadelphia. 1865-66.

Academy of Natural Sciences of Philadelphia.

Proceedings. 1865. No. 2, 3, 4, 5. 1866. No. 1. 8vo. Philadelphia.

Philadelphia College of Pharmacy.

American Journal of Pharmacy. 3d Ser. Vol. XIII., XIV. 8vo. Philadelphia. 1865-66.

Mercantile Library Company of Philadelphia.

Forty-Third Annual Report. January, 1866. 8vo. Philadelphia.

Smithsonian Institution.

Annual Report of the Board of Regents, showing the Operations,

Expenditures, and Condition of the Institution for the Years 1863 – 64. 2 vols. 8vo. Washington. 1864 – 65.

Library of Congress.

Catalogue of Additions made to the Library, from December 1, 1864, to December 1, 1865. 8vo. Washington. 1865.

Patent Office, Washington.

Report of the Commissioner of Patents for the Year 1861. Vol. I., II. 1862. Vol. I., II. 1863. Vol. I., II. 8vo. Washington. 1863 – 66.

Bureau of Navigation.

American Ephemeris and Nautical Almanac for the Year 1867. 8vo. Washington. 1865.

United States Naval Observatory.

Astronomical and Meteorological Observations made at the United States Naval Observatory, during the Year 1863. 4to vol. Washington. 1865.

Department of State.

French Universal Exposition for 1867. Official Correspondence on the Subject. Published by the Department of State, for the Information of Citizens of the United States, containing Regulations, Classification of Articles, &c. 4to pamph. Washington. 1865.

Joseph K. Barnes, Surgeon-General U. S. A.

Annual Report of the Surgeon-General. 1865. 8vo pamph. Washington. 1865.

(United States) Circular No. 6. War Department. Surgeon-General's Office. Reports on the Extent and Nature of the Materials Available for the Preparation of a Medical and Surgical History of the Rebellion. 4to pamph. Philadelphia. 1865.

Young Men's Library Association of Cincinnati.

Thirtieth and Thirty-First Annual Report of the Board of Directors for the Years 1864 – 65. 8vo pamph. Cincinnati. 1865 – 66.

Chicago Academy of Sciences.

Proceedings. Vol. I. P. 1 – 48. 8vo. Chicago. 1866.

Act of Incorporation, Constitution, By-Laws, and List of Officers and Members of the Chicago Academy of Sciences; with a Historical Sketch of the Association; and Reports on the Museum and Library. 8vo pamph. Chicago. 1865.

Chicago Historical Society.

Seventh Annual Statement of the Trade and Commerce of Chicago, for the Year ending March 31, 1865. 8vo pamph. Chicago. 1865.

Fourth Annual Report of the Board of Public Works to the Common Council of the City of Chicago. For the Municipal Fiscal Year ending March 31, 1865. 8vo. Chicago. 1865.

Sixth and Seventh Annual Report of the Chicago Charitable Eye and Ear Infirmary, presented by the Board of Surgeons for the Year ending May 1, 1864, and May 1, 1865. 8vo pamph. Chicago. 1865.

Academy of Science of St. Louis.

Transactions. Vol. II. No. 2. 8vo. St. Louis. 1866.

California Academy of Natural Sciences.

Proceedings. Vol. III. pp. 97-208. 8vo. San Francisco. 1864-65.

Mercantile Library Association of the City and County of San Francisco.

Thirteenth Annual Report of the President, Treasurer, and Librarian of the Mercantile Library Association. 8vo pamph. San Francisco. 1866.

Bureau de la Recherche Géologique de la Suede.

Carte Géologique de la Suede. Bladet 1-18: Livraisons accompagnées 1-18. 8vo. Stockholm. 1862-65.

Kongl. Svenska Vetenskaps Akademien.

Öfversigt af Kongl. Vetenskaps Akademiens Forhandlingar. Årg. XXI. 8vo. Stockholm. 1865.

Meteorologiska Iakttagelser i Sverige utgifna af Kongl. Svenska, Vetenskaps-Akademien . . . af Er. Edlund. Band V. (1863). Long 4to. Stockholm. 1865.

Om Österjöhn af S. Loven. . . . 8vo pamph. Stockholm. 1864.

Regia Societas Scientiarum, Upsaliensis.

Nova Acta. Ser. 3. Vol. V. Fasc. 2. 4to. Upsal. 1864.

Upsala Universitets Årsskrift (1864). 8vo. Upsal. 1865.

Kongel. Norske Frederiks Universitet, Christiania.

Aarsberetning for 1863. 16mo pamph. Christiania. 1864.

Index Scholarum. 1865. 4to. Christiania.

Norges Ferskvandskrebsdyr. 1ste Afsnit med 4 Planchner, af

Georg Ossian Sars. *Prisbebonnet Afhandling*. 4to pamph. Christiania. 1865.

Om de i Norge forekommende fossile Dyrelevninger fra Quartær-perisden, et Bidrag til vor Faunas Historie af Dr. phil et. med. Michael Sars, Prof. 4to pamph. Christiania. 1865.

Veiviser ved geologiske Excursioner i Christiania Omegn med et farvetrykt Kart og flere Træsnit af Lektor Theodor Kjerulf. 4to pamph. Christiania. 1865.

Gaver til Universitets Bibliothek i 3die og 4de. Quartal. 1862. i 4de Quartal. 1863. 2 pamph. 16mo. Christiania. 1863-64.

Physiographiske Forening i Christiania.

Nyt Magazin for Naturvidenskaberne. Bind. XIII. Heft 4. XIV. H. 1. 8vo. Christiania. 1864-65.

Académie Imperiale des Sciences de St. Petersbourg.

Mémoires, VII^{me} Série. Tome V. No. 1: VII., VIII. 4to. St. Petersburg. 1864-65.

Bulletin. Tome VII., VIII. 4to. St. Petersburg. 1864-65.

Administration of Mines of Russia.

Annales de l'Observatoire Physique Central de Russie. Année. 1862. No. 1, 2. 4to. St. Petersburg. 1865.

Kaiserliche Nicolai Hauptsternwarte Pulkova.

Pulkowaer Beobachtungen des Hellen Cometen von 1862, nebst einigen Bemerkungen von Dr. A. Winnecke. 4to pamph. St. Petersburg. 1864.

Jahresbericht am 17 Mai 1864 dem Comité der Nicolai Hauptsternwarte abgestaltet vom Director der Sternwarte (aus dem Russischen übersetzt). 8vo pamph. St. Petersburg. 1864.

Société Impériale des Naturalistes de Moscow.

Bulletin. Année 1864, No. 2-4. 1865, No. 1, 2. 8vo. Moscow. 1864-65.

Académie Royale des Sciences à Amsterdam.

Verhandelingen, Afdeeling Letterkunde. Deel III. 4to. Amsterdam. 1864-65.

Verslagen en Mededeelingen, Afd. Letterkunde. Deel VIII. Afd. Natuurkunde. Deel XVII. 8vo. Amsterdam. 1865.

Jaarboek voor 1863 en 1864. 8vo. Amsterdam. 1865.

Senis Vota pro Patria,—Carmen Elegiacum Johannis van Leeuwen Hollandi cui certaminis Poetici Praemium e Legato Jacobi Henrici Hoeufft adjudicatum est. 8vo vol. Amstelodami. 1864.

Hollandsche Maatschappij der Wetenschappen te Haarlem.

Natuurkundige Verhandelingen. Ser. 2. Deel XXI. Pt. 2. XXII. Pt. 1, 2. XXIII. 4to. Haarlem. 1864-65.

Koninklijk Nederlandsch Meteorologisch Instituut.

Meteorologische Waarnemingen in Nederland en zijne Bezittingen. Long 4to vol. Utrecht, 1865.

Netherlands Government.

Flora Batava, Afl. 179. 4to. Amsterdam.

Carte Géologique des Pays Bas. 3 chts. Haarlem.

Société des Arts et des Sciences, Batavia.

Verhandelingen van het Bataviaasch Genootschap van Kunsten en Wetenschappen. Deel XXIX. 4to. Batavia, 1862.

Tijdschrift voor Indische Taal-Land-en Volkenkunde. Deel XI. en XII. 8vo. Batavia. 1862.

Natuurkundige Verceniging in Nederlansch Indië.

Natuurkundig Tijdschrift. Deel XXVI. 6^e Ser. Deel II. 8vo. Batavia. 1864.

Königl. Preussische Akademie der Wissenschaften, Berlin.

Abhandlungen aus dem Jahre 1864. 4to. Berlin. 1865.

Monatsberichte aus dem Jahre 1864. 8vo. Berlin. 1865.

Naturhistorischer Verein der Preuss. Rheinlande und Westphalens.

Verhandlungen. Vol. XXI. 8vo. Bonn. 1864.

Universitas Frid. Guil. Rhenana, Bonnæ.

Academical Dissertations, Indexes, etc. 46 pamph. 4to and 8vo. Bonn.

Naturforschende Gesellschaft in Dantzig.

Schriften, N. F. Band I. Heft 2. 4to. Dantzig. 1865.

Verein für Erdkunde und Verwandte Wissenschaften zu Darmstadt.

Notizblatt. III. Forge. Heft III. 8vo. Darmstadt. 1864.

Kaiserl. Leopoldinisch-Carolinisch Deutsche Akademie der Naturforscher.

(*Academia Cæsarea Leopoldino-Carolina Germanica Naturæ Curiosorum.*)

Nova Acta. Tome XXXII. Pars 1. 4to. Dresden. 1865.

Naturforschende Gesellschaft in Emden.

Fünfzigster Jahresbericht. 8vo. Emden. 1865.

Zoologische Gesellschaft, Frankfurt a. M.

Der Zoologische Garten. Jahrg. VI. 8vo. Frankfort-on-the-Main. 1865.

Verein für Geographie und Statistik in Frankfurt a. M.

Jahresbericht über das Medicinalwesens, die Krankenanstalten, und die öffentlichen Gesundheitsverhältnisse der Freien Stadt Frankfurt. Herausgegeben unter Mitwirkung des Physikats von dem Aertzlichen Verein. VI. Jahrgang. 1862. 8vo. Frankfort-on-the-Main. 1865.

Naturforschende Gesellschaft zu Freiburg, J. Br.

Berichte über die Verhandlungen. Band III. Heft 3, 4. 8vo. Freiburg i. Br. 1865.

Oberlausitzische Gesellschaft zu Görlitz.

Neues Lausitzisches Magazin. Band XLII.; Heft 1, 2. 8vo. Görlitz. 1865.

Dem Herrn Karl Wilhelm Dornick, wohlverdienten Pfarrer der Evangelischen Gemeinde Haynewalde, ihrem hochverehrten Ehrenmitgliede am Tage seiner Fünfzigjährigen Amts-Jubelfeier, den 2 April, 1865, die Oberlausitzische Gesellschaft der Wissenschaften. Inhalt: Metrische Uebersetzung eines Psalmen. 4to pamph. Görlitz. 1865.

Königl. Gesellschaft der Wissenschaften zu Göttingen.

Nachrichten von der Georg-Augusts-Universität und der Königl. Gesellschaft der Wissenschaften aus dem Jahre 1865. 1 vol. 16mo. Göttingen. 1865.

Medicinisch-Naturwissenschaftliche Gesellschaft zu Jena.

Jenaische Zeitschrift für Medicin und Naturwissenschaft. Band II.; Heft 1, 2: II. H. 2, 3, 4. 8vo. Leipzig. 1865–67.

Königl. Physikalisch-Ökonomische Gesellschaft zu Königsberg.

Schriften. Jahrg. V.; Abth. 1, 2. 4to. Königsberg. 1864.

Königl. Sächsische Gesellschaft der Wissenschaften, Leipzig.

Abhandlungen, Math.-Phys. Classe. Band VII.; No. 2, 3, 4: VIII.; No. 1. Philol.-Histor. Classe. Band IV.; No. 5, 6: V. No. 1. 8vo. Leipzig. 1864–66.

Berichte über die Verhandlungen. Math.-Phys. Classe. Band XVI. Philol.-Histor. Classe. Band XVI. Heft 2, 3. 8vo. Leipzig. 1864–65.

Relationen einestheils zwischen Summen und Differenzen, und Anderntheils zwischen Integralen und Differentialen. Von P. A. Hansen. 8vo pamph. Leipzig. 1865.

Königl. Bayerische Akademie der Wissenschaften, München.

Abhandlungen, Philos.-Philol. Classe. Band II. Abth. II.: IX.

Abth. III. Histor. Classe. Band VII. Abth. III. : IX. II. : X. I
4to. München. 1851–65.

Sitzungsberichte, 1864. Band II. Heft 3, 4. 1865. Band I.
Heft 1–4 : II. Heft 1, 2. 8vo. München. 1864–65.

Annalen der Königl. Sternwarte. Band XIV. 8vo. München.
1865.

Öffentliche Sitzung der Gesamt-Akademie zur Feier des 106
Stiftungstages am 28 März, 1865. 4to pamph. München.

Induction und Deduction, von Justus von Liebig. 8vo pamph
München. 1865.

Entstehung und Begriff der Naturhistorischen Art, von Dr. Carl
Nageli. Zweite Auflage. 8vo pamph. München. 1865.

Die Verhandlungen der Protestantischen Fürsten in den Jahren
1590 und 1591 zu Gründung einer Union-Vortrag, gehalten von
Karl August Muffat. 4to pamph. München. 1865.

Königl. Böhmisches Gesellschaft der Wissenschaften in Prag.

Sitzungsberichte, Jahrg. 1863. Band I., II. 8vo. Prag. 1863–64
K. K. Sternwarte zu Prag.

Magnetische und Meteorologische Beobachtungen. Vol. XXV
4to. Prag. 1865.

Zoologisch-mineralogischer Verein, Regensburg.

Correspondenz-Blatt. 18 Jahrgang. 16mo. Regensburg. 1864.

Entomologischer Verein zu Stettin.

Entomologische Zeitung. 26 Jahrgang. 8vo. Stettin. 1865.

Linnea Entomologica. Band XVI. 8vo. Leipzig. 1865.

Kaiserliche Akademie der Wissenschaften, Wien.

Denkschriften. Math.-Naturw. Classe. Band II., Lief. 3 ; III.,
Lief. 1–3 ; IV., Lief. 1, 2 ; VI., VII., XXIV. Philos.-Histor.
Classe. Band II., Abth. 1, 2 ; III., IV., V., VII., XIII. 4to.
Vienna. 1853–65.

Sitzungsberichte. Math.-Naturw. Classe. Band I., II., III.,
XXXI., XLII ; 1st Abth., Heft 1, 2 ; 2d Abth. Heft 1, 2 : XLVIII.,
2d Abth., Heft 5 : XLIX., 1st Abth., Heft 2–5 : L., 1st Abth.,
Heft 2–5 : LI., 1st Abth., Heft 1–3 ; 2d Abth., Heft 1–3.
Philos.-Histor. Classe. Band I. : XVIII., Heft 1, 2 : XIX., Heft 1 :
XX., Heft 2, 3 : XXI., Heft 1, 2 : XXV., Heft 5 : XXXVI., Heft
1, 2 : XLV., Heft 2, 3 : XLVI., Heft 1–3 : XLVII., Heft 2, 3 :
XLVIII., Heft 1, 2 : XLIX., Heft 1–3 : L., Heft 1, 2. 8vo.
Vienna. 1863–65.

Register zu den Bänden 43 bis 50 der Sitzungsberichte Math.-Naturw. Classe. V. 8vo. Vienna. 1865.

Almanach. 14 Jahrg. 1864. 15. 1865. 16mo. Vienna. 1864-65.

Anzeiger. Jahrg. II. 1865: III. No. 13. 1866. 8vo. Vienna. 1865-66.

Tafeln zur Abhandlungen: Beiträge zur Naturgeschichte von Chile, von Friherrn v. Bibra. Beilage zu den Denkschriften der Kais. Akad. der Wissenschaften. Math.-Naturw. Classe. Band V. Seite 73. Atlas long 4to. Vienna. 1853.

H. K. Geographische Gesellschaft, Wien.

Mittheilungen. Jahrgang VII. Vienna. 1863.

K. K. Geologische Reichsanstalt, Wien.

Jarbuch, Band XV. 8vo. Wien. 1865.

K. K. Zoologisch-Botanische Gesellschaft, Wien.

Verhandlungen. Band XIV. 8vo. Vienna. 1864.

Verein für Naturkunde in Herzogthum Nassau.

Jahrbucher. Heft 16, 17. 8vo. Wiesbaden. 1862-63.

Augemeine Schweirische Gesellschaft für die gesammten Naturwissenschaften. (Société Helvetique des Sciences Naturelles.)

Materiaux pour la Carte Géologique de la Suisse Publiées par les Commission Géologique de la Société Helvetique des Sciences Naturelles. 1st Livraison. 4to. Neuchatel. 1863. Atlas renfermant la carte coloriée en 4 feuilles.

Naturforschende Gesellschaft in Bern.

Mittheilungen aus dem Jahre, 1864. 8vo. Bern. 1864.

Naturforschender Verein in Brunn.

Verhandlungen. Band II. 1863. 8vo. Brunn. 1864.

Société de Physique et d'Histoire Naturelle de Genève.

Mémoires, Tome XVII. Pt. 2: XVIII. Pt. 1. 4to. Geneva. 1864-65.

St. Gallische Naturwissenschaftliche Gesellschaft.

Bericht über die Thätigkeit während des Vereinsjahres. 1863-64.

8vo vol. Saint Gall. 1864.

Sweizerische Naturforschende Gesellschaft.

Verhandlungen, 48 Versammlung Jahresbericht. 1864. 8vo.

Zurich. 1864.

Académie Royale des Sciences, &c., de Belgique, de Bruxelles.

Mémoires Couronnés et Mémoires des Savants Étrangers. Tome XXXII. (1864-65.) 4to. Brussels. 1865.

Mémoires Couronnés. Coll. in 8vo. Tome XVII. Brussels. 1865.

Bulletin, Sér. 2. Tome XVIII., XIX. 8vo. Brussels. 1864-65.

Annuaire. Tome XXXI. 18mo. Brussels. 1865.

Académie Impériale des Sciences, &c., de Caen.

Mémoires (1865). 8vo. Caen. 1865.

Société Linnéenne de Normandie.

Vol. IX. Année 1863-64. 8vo. Caen. 1865.

Académie Impériale des Sciences, Arts et Belles-Lettres de Dijon.

Mémoires, 2^{me} Série. Tome XI. Année 1863. 8vo. Dijon. 1864.

Académie Impériale des Sciences, Belles-Lettres, et Arts de Lyon.

Mémoires, Classe des Sciences. Tome XIII. Classe des Lettres,

N. S. Tome II. 8vo. Lyons. 1863.

Bulletin des Seances. 8vo. Lyons. 1865.

Société Impériale d'Agriculture, etc., de Lyon.

Annales des Sciences Physiques et Naturelles d'Agriculture et d'Industrie. 3^e Série. Tome VII. 8vo. Lyons. 1863.

Institut Impériale de France, Académie des Sciences.

Comptes Rendus. Tome 60, 61, 62. No. 1-23. 4to. Paris. 1865-66.

Société de Géographie.

Bulletin. Sér. 5. Tome VIII., IX., X., XI. Nos. 1-5. 8vo.

Paris. 1864-55.

Société Impériale Zoologique d'Acclimatation.

Bulletin. Tome II., III., No. 1-4. 8vo. Paris. 1765-66.

Accademia delle Scienze dell' Istituto di Bologna.

Memorie. Ser. 2. Tome III.; IV. Fasc. 1. 4to. Bologna. 1863-65.

Rendiconto delle Sessioni dell' Accademia . . . Anno Academico, 1863-64. 8vo. Bologna. 1864.

Indici Generali della Collezione pubblicata dall' Accademia . . . col. Titolo di Memorie in Dodici Tomi dal 1850 al 1861. 4to pamph. Bologna. 1864.

Istituto Tecnico di Palermo.

Giornale di Scienze Naturali ed Economiche Pubblicato per cura del Consiglio di Perfezionamento anness al R. Istituto Tecnico di Palermo. Vol. I. Fasc. I. II. 4to. Palermo. 1865.

Real Academia de Ciencias Exactas, etc., Madrid.

Memorias. Tomo VI. 2º Ser. Ciencias Físicas. Tomo II. Pt. 1, 2. 4to. Madrid. 1864-65.

Resumen de las Actas de la Academia 1862-63. 8vo. Madrid. 1864.

Libros del Saber de Astronomía. Tomo III. Folio. Madrid. 1864.

Observatorio de Marina de San Fernando, Cadiz.

Almanaque Nautico para el año 1867. Calculado de orden de S. M. en el Observatorio de Marina de la Ciudad de S. Fernando. 8vo. Cadiz. 1865.

Academia Real das Sciencias de Lisboa.

Historia e Memoria, Classe de Sciencias, Moraes, Politicas e Bellas-Lettras, N. S. Tomo III. Parte II.: Classe de Sciencias Mathematicas, Physicas e Naturaes, N. S. Tomo III. Parte II. 4to. Lisbon. 1865.

Collecção das Medalhas e Condecorações Portuguezas e das Etrangeiras com relação a Portugal pertencente ao Tom III. Part II. das Mem. da Acad. Real das Sc. de Lisboa. 4to vol. Lisbon. 1865.

British Association for the Advancement of Science.

Report of the Thirty-Fourth Meeting, held at Bath in September, 1864. 8vo vol. London. 1865.

Royal Geological Society of Ireland.

Journal. Vol. I. Pt. I. 1864-65. 1st Session. 8vo. London and Dublin. 1865.

Royal Irish Academy.

Transactions. Vol. XXIV. Antiquities, Parts III., IV. Science, Parts IV., VI. Polite Literature, Part II. 4to. Dublin. 1864.

Proceedings. Vol. VII., VIII., IX. Pt. 1. 8vo. Dublin. 1861-65.

Observations on the Functions of the Liver. By Robert McDonnell, M.D., M. R. I. A., etc. 2 pamph. 8vo. Dublin. 1865.

Provost and Sr. Fellows of Trinity College, Dublin.

Observations made at the Magnetical and Meteorological Observatory at Trinity College, Dublin; under the Direction of the Rev. Humphrey Lloyd, D. D., D. C. L., etc. Vol. I. 1840-43. 4to. Dublin and London. 1865.

Dublin Quarterly Journal of Science.

Vol. V., VI. No. 21, 22. 8vo. London and Edinburgh. 1865–66.

Royal Society of Edinburgh.

Transactions. Vol. XXIV. Parts for the Session, 1864–65.

4to. Edinburgh.

Proceedings. Vol. V. Session 1864–65. 8vo. Edinburgh.

Royal Observatory, Greenwich.

Astronomical Observations made at the Royal Observatory at Greenwich, from the year 1765 to the year 1774. By the Rev. Nevil Maskelyne, B. D., Astronomer Royal, etc. Vol. I. Folio. London. 1776.

Results in Right Ascension of the Observations of Stars made and reduced by Dr. Maskelyne from 1765 to 1772 ; 1779 to 1785 ; 1796 to 1801 ; 1803 to 1807. . . . together with some results for the declination of Stars. Arranged by the Rev. Robert Main, M.A., . . . [Greenwich Observations, 1851. Appendix II.] 4to pamph. London.

Bessel's Refraction Tables, modified and expanded. [Forming the Appendix to the Greenwich Observations, 1853.] 4to pamph. London. 1855.

Description of the Reflex Zenith Tube of the Royal Observatory, Greenwich. By G. B. Airy. [Forming Appendix I. to the volume of Greenwich Observations for the year 1854.] 4to pamph. London. 1856.

Catalogue of 1576 Stars, formed from the Observations made during six years from 1848 to 1853 at the Royal Observatory, Greenwich, and reduced to the Epoch 1850. [Forming Appendix II. to the volume of Greenwich Observations for the year 1854.] 4to pamph. London. 1856.

Description of the Galvanic Chronographic Apparatus of the Royal Observatory, Greenwich. [Forming the Appendix to the Greenwich Observations, 1856.] 4to pamph. London. 1857.

Determination of the Longitude of Valentia in Ireland, by transmission of Chronometers. [Forming the Appendix to the Greenwich Astronomical Observations, 1845.] By G. B. Airy, Esq., Astronomer Royal. 4to vol. London.

Determination of the Longitude of Valencia in Ireland, by Galvanic signals, in the Summer of 1862. [Appendix III. to the Greenwich Astronomical Observations, 1862.] 4to pamph. London.

Plan of the Buildings and Grounds of the Royal Observatory, Greenwich, with Explanation and History. [Extr. from the Introduction to the Greenwich Observations, 1845.] 4to pamph. London. 1847.

Plan of the Buildings and Grounds of the Royal Observatory, Greenwich, 1863, August; with Explanation and History. [Appendix II. to the Greenwich Astronomical Observations, 1862.] 4to pamph. London. 1863.

Catalogue of Stars taken from Mr. Flamsteed's Observations contained in the Second Volume of the *Historia Cœlestis*, and not inserted in the British Catalogue. With an Index. . . . Collection of Errata, by Carolina Herschel, with Introduction and Explanatory Remarks, by William Herschel, LL. D., F.R.S. Folio vol. London. 1798.

Catalogue of 7385 Stars, chiefly in the Southern Hemisphere, prepared from Observations made in the Years 1822, 1823, 1824, 1825, 1826, at the Observatory at Paramatta, New South Wales. . . . The computations made and the catalogue constructed by Mr. William Richardson, of the Royal Observatory, Greenwich. 4to vol. London. 1835.

Seven-Year Catalogue of 2022 Stars, deduced from Observations, extending from 1854 to 1860, at the Royal Observatory, Greenwich, and reduced to the Epoch 1860. [Forming Appendix I. to the Vol. of Greenwich Observations for the year 1862.] 4to pamph. London.

Reports of the Astronomer Royal (G. B. Airy) to the Board of Visitors for the years 1836 to 1852, 1855 to 1859, 1861 to 1863. 25 pamph. 4to. London.

Rates of Chronometers on trial for Purchase by the Board of Admiralty, at the Royal Observatory, Greenwich, 1840 to 1865. 4to. London.

Literary and Philosophical Society of Liverpool.

Proceedings. Session 1863-64. No. 18. 8vo. London and Liverpool. 1864.

Chemical Society of London.

Journal, Ser. 2. Vol. III. 8vo. London. 1865.

Geological Society of London.

Quarterly Journal. Vol. XXI., XXII. Part 1. 8vo. London. 1865-66.

List of the Society, December 31, 1865. 8vo. London.

Linnean Society of London.

Transactions. Vol. XXIV. Part III. 4to. London. 1864 – 65.

Journal. Botany. Vol. VIII., IX. No. 33, 34. Zoölogy. Vol. VIII. No. 30. 8vo. London. 1864 – 65.

List of the Linnean Society, 1864. 8vo. London.

Royal Astronomical Society.

Memoirs. Vol. XXXIII. 4to Volume for Session 1863 – 64. London. 1865.

Royal Horticultural Society.

Proceedings. Vol. IV., No. 10. V., No. 3 – 8. N. S. Vol. I., No. 1 – 3. 8vo. London. 1865 – 66.

Index to Vol. IV. 1865.

Journal. N. S. Vol. I. Part I., II. 8vo. London. 1866.

Royal Society of London.

Philosophical Transactions for the Year 1864. Vol. 154. For the Year 1865. Vol. 155, Part I. 4to. London. 1865.

Proceedings. Vol. XIII., XIV. No. 71 – 77. 8vo. London. 1864 – 65.

Astronomical and Magnetical and Meteorological Observations made at the Royal Observatory, Greenwich, in the Year 1863; under the direction of George Biddell Airy, Esq., M. A., Astronomer Royal. 4to vol. London. 1865.

Society of Arts, Manufactures, and Commerce.

Journal of the Society of Arts and of the Institutions in Union. Vol. XIII. 8vo. London. 1865.

Statistical Society of London.

Journal. Vol. XXVIII., Part I., II., III.; XXIX., Part I. 8vo. London. 1865.

Zoölogical Society of London.

Transactions. Vol. V. Part IV. 4to. London. 1864.

Proceedings. 1864. Part I., II., III. 8vo. London. 1864.

Abbot (Henry L., Colonel First Connecticut Artillery, and Brev. Brigadier-General of Volunteers).

Report of the Movements and Operations of the First Connecticut Heavy Artillery, for the year ending March 1, 1865, as given in the Annual Report of the Adjutant-General of Connecticut. April 1, 1865. 8vo pamph. Hartford. 1865.

Agassiz (Alexander).

Seaside Studies in Natural History. By Elizabeth C. Agassiz and Alexander Agassiz. Marine Animals of Massachusetts Bay. Radiates. 8vo vol. Boston. 1865.

Airy (George Biddell, Esq., Astronomer Royal).

Essay on the Invasion of Britain by Julius Cæsar. The Invasion of Britain by Plautius, and by Claudius Cæsar; The Early Military Policy of the Romans in Britain; The Battle of Hastings. With Correspondence. Collected and Printed for Private Distribution. 4to pamph. London. 1865.

Atkinson (W. P.).

Classical and Scientific Studies, and the Great Schools of England: A Lecture read before the Society of Arts of the Massachusetts Institute of Technology. April 6, 1865. With Additions and an Appendix. 12mo vol. Cambridge. 1865.

The Authors.

Researches on Solar Physics. By Warren De la Rue, Esq., Ph. D., etc.; Balfour Stewart, Esq., M. A., etc.; and Benjamin Loewy, Esq. First Series. On the Nature of Sun-spots. 4to pamph. London. 1865.

Barrande (Joachim).

Defense des Colonies, III. Étude Générale sur nos Étages G – H. Avec Application Spéciale aux Environs de Hlubocép, près Prague, 8vo pamph. Prague et Paris. 1865.

Bigelow (E. B.).

Address before the National Association of Wool Manufacturers at the First Annual Meeting in Philadelphia, September 6, 1865. By John L. Hayes, Secretary. 8vo pamph. Boston. 1865.

Report of the Proceedings of the Convention of Delegates from the National Association of Wool Manufacturers, and from the several Organizations of the Wool-Growers of the United States, at Syracuse, New York, December 13, 1865. 8vo pamph. Boston. 1866.

Joint Report of the Executive Committee of the National Association of Wool Manufacturers, and of the Executive Committee of the National Wool-Growers' Association, addressed to the United States Revenue Commission, February 9, 1866. 8vo pamph. Boston. 1866.

Statement of the Executive Committee of the National Associa-

tion of Wool Manufacturers, relative to proposed duties on Wool and Woollens, addressed to the United States Revenue Commission, April, 1866. 8vo pamph. Washington. 1866.

Brown (Hon. William H.).

An Historical Sketch of the early Movement in Illinois for the legalization of Slavery, read at the Annual Meeting of the Chicago Historical Society, December 5, 1864. 8vo pamph. Chicago. 1865.

Buchenau (Dr. Franz).

Morphologische Bemerkungen über Lobelia Dortmanna L. 8vo. pamph. Bremen.

Charles (Professor M.).

Traité des Sections Coniques faisant suite au Traité de Géométrie Supérieure. Première Partie. 8vo pamph. Paris. 1865.

Cours de Géométrie Supérieure. 4to pamph. Paris.

Résumé d'une Théorie des Coniques Sphériques Homofocales et des Surfaces du Second Ordre Homofocales. 4to pamph. Paris. 1860.

Propriétés relatives au Déplacement fini quelconque, dans l'espace, d'une figure de forme invariable. 4to pamph. Paris. 1860-61.

Sur les six Droites qui peuvent être les directions de six Forces en Équilibre. 4to pamph. Paris. 1861.

Sur la Surface, et sur la Courbe à double Courbure, Lieux des Sommets des Cones du Second Ordre qui divisent harmoniquement Six ou Sept Segments rectilignes pris sur autant de Droites dans l'Espace. 4to pamph. Paris. 1861.

Description des Courbes à double Courbure de tous les Ordres sur les Surfaces réglées du troisième et du quatrième Ordre. 4to pamph. Paris. 1861.

Théorie Analytique des Courbes à double Courbure de tous les Ordres tracées sur l'Hyperboloïde à une Nappe. 4to pamph. Paris. 1861.

Propriétés des Courbes à double Courbure du quatrième Ordre provenant de l'Intersection de deux Surfaces du Second Ordre. 4to pamph. Paris. 1862.

Propriétés des Surfaces développables circonscrites à deux Surfaces du Second Ordre. 4to pamph. Paris. 1862.

Sur la Découverte de la Variation Lunaire (Astronomie Ancienne). 4to pamph. Paris. 1862.

Lettre à M. L. Am. Sédillot, sur la Question de la Variation Lunaire découverte par About-Wefa. 4to pamph. Paris.

Description par Points, d'une Manière Uniforme, des deux Courbes à double Courbure du quatrième Ordre, de la Courbe à Nœud, et de la Courbe du troisième Ordre. 4to pamph. Paris. 1861.

Remarque Historique à l'Occasion de l'Ouvrage de M. Poncelet, intitulé : Applications d'Analyse et de Géométrie, etc. 4to pamph. Paris. 1862.

Sur l'Ouvrage présente à l'Académie des Sciences d'un Volume qui forme la première Partie d'un Traité des Sections Coniques. 4to pamph. Paris. 1865.

Histoire des Mathématiques chez les Arabes. 4to pamph. Paris. 1865.

Systèmes de Coniques qui satisfont à sept Conditions dans l'Espace. 4to pamph. Paris. 1865.

Cooke (Prof. Josiah P.).

On the Heat of Friction. [From Proc. Am. Acad. of Arts & Sc. Vol. VI. April, 1865.] 8vo pamph. Cambridge.

On the Projection of the Spectra of the Metals. [From the Am. Jour. of Sc. & Arts. Vol. XL. Sept. 1865.] 8vo pamph. New Haven.

On the Construction of a Spectroscope with a Number of Prisms, by which the Angle of Minimum Deviation for any Ray may be accurately measured, and its Position in the Solar Spectrum determined. [From the Am. Jour. of Sc. & Arts. Vol. XL. Nov. 1865.] 8vo pamph. New Haven.

Dollen (W.).

Die Zeitbestimmung mittelst des Tragbaren Durchgangsinstrumentes im Verticale des Polarsterns. 4to pamph. St. Petersburg. 1863.

The Editors.

The Reader : A Review of Literature, Science, and Art. Vol. V. - VII. No. 180. 8vo. London. 1865 - 66.

Elliott (E. B.).

Report of the United States Revenue Commission. 8vo pamph. Washington. 1866.

Esthlandische Ritterschaft.

Nachrichten über Leben und Schriften des Herrn Geheimrathes Dr. Karl Ernst v. Baer, mitgetheilt von Ihm Selbst. 4to vol. St. Petersburg. 1865.

Famille de Vrolik.

Musée Vrolik. Catalogue de la Collection d'Anatomie Humaine, comparée et Pathologique de MM. Ger et W. Vrolik . . . par J. L. Dusseau . . . 8vo vol. Amsterdam. 1865.

Francis (James B., Civil Engineer).

On the Strength of Cast-Iron Pillars, with Tables for the Use of Engineers, Architects, and Builders. [Extr. from the Proc. of the Am. Acad. of Arts & Sciences.] 8vo. New York & London. 1865.

Fraunfeld (George Ritter von).

Das Vorkommen des Parasitismus im Thier- und Pflanzen-Reiche. . . . 8vo pamph. Vienna. 1864.

Gould (B. A.).

U. S. Sanitary Commission. Statistical Bureau. Ages of U. S. Volunteer Soldiery. 8vo pamph. New York. 1866.

Hager (Albert D.).

Report of the Geology of Vermont: Descriptive, Theoretical, Economical, and Scenographical. By Edward Hitchcock, LL. D.; Edward Hitchcock, Jr., M. D.; Albert D. Hager, A. M.; Charles H. Hitchcock, A. M. In 2 vols. Published under Authority of the State Legislature, by Albert D. Hager, Proctorsville, Vt. 4to. Claremont, N. H. 1861.

Haldeman (S. S.).

Tours of a Chess Knight. 16mo vol. Philadelphia. 1864.

Dudley Observatory.

Description of an Automatic Registering and Printing Barometer. By G. W. Hough, A. M., Dir. of the Dudley Observatory. 8vo pamph. Albany. 1865.

Jervis (W. P., F. G. S.)

The Mineral Resources of Central Italy; including a Description of the Mines and Marble Quarries. [International Exhibition, 1862.] 8vo pamph. London. 1862.

Dublin International Exhibition, 1865. Kingdom of Italy. Official Catalogue, Illustrated, and Engravings. Published by Order of the Royal Italian Commission. . . . 2d ed. 8vo vol. Turin. 1865.

Lapham (J. A., LL. D.).

Map of Wisconsin, with Lines showing the Remarkable Effect of Lake Michigan in elevating the Mean Temperature of January, and depressing that of July. Milwaukee. 1865.

Lea (Isaac, LL. D.).

On *Leaia Leidy* = *Cypricardia Leidy*. Descriptions of Fourteen New Species of Melanidæ, etc. [Extr. from Proc. of Acad. of Nat. Sc., Philadelphia.] 8vo. Philadelphia. 1866.

Leidy (Joseph, M. D., Prof., etc.).

Cretaceous Reptiles of the United States. [From the Smithsonian Contributions to Knowledge. Vol. XIV. 1865.] 4to. Philadelphia. 1865.

Lesquereux (Leo).

On the Origin and Formation of Prairies. [From Am. Jour. of Sc. & Arts. 2d Ser. Vol. XXXIX. No. 117.] 8vo. New Haven. 1865.

Loring (Hon. Charles G.).

The Civil War in America: An Address read at the last Meeting of the Manchester Union and Emancipation Society. By Goldwin Smith. 8vo pamph. London. 1866.

Mc Chesney (J. H., A. M.).

Plates illustrating in Part the New Species of Fossils from the Palæozoic Rocks of the Western States. (Chicago Academy of Sciences.) Chicago.

Mackall (Louis, M. D.).

An Essay on the Life in Nature. 8vo pamph. Washington. 1855.

An Essay on the Law of Muscular Action. 2d edition, corrected and enlarged. 8vo pamph. Washington. 1865.

Extract from an Unpublished Essay on Physical Force. 8vo pamph. Washington. 1865.

Marcou (Jules).

Une Reconnaissance Géologique au Nebraska. [Extr. du Bull. de la Soc. Géol. de France. 2^e Sér. Tome XXI. pp. 132.] 8vo. Paris. 1864.

Notice sur les Gisements des Lentilles Trilobitifères Taconiques de la Pointe-Lévis, au Canada. Extr. du Bull. . . . Tome XXI. pp. 236. 8vo. Paris. 1864.

Martius (Dr. C. F. Ph. von).

Vorträge über die Florenreiche oder Imperia Florae. Separatdruck aus den Jahresberichten der Bayer. Gartenbau-Gesellschaft zu München. 16mo pamph. Munich. 1865.

Mayer (Alfred M.).

Essay on the Velocity of Light. By M. Delaunay of the Institute

of France Translated for the Smithsonian Institution, by Alfred M. Mayer, Prof. of Physics. . . . 8vo pamph. Washington.

Morgan (Henry J.).

The Place British Americans have won in History. A Lecture delivered at Aylmer, L. C., on Thursday evening, February 22, 1866. 16mo pamph. Ottawa. 1866.

Mueller (Ferdinand, Ph. D., M. D., F. R. S., etc.).

The Vegetation of the Chatham Islands, sketched by Ferdinand Mueller. 8vo pamph. Melbourne. 1864.

Analytical Drawings of Australian Mosses. Edited by Ferdinand Mueller. I. Fascicle. 8vo pamph. Melbourne. 1864.

Newcomb (Simon, Prof. Math. U. S. N.).

An Investigation of the Orbit of Neptune, with General Tables of its Motion. [From Smithson. Contrib. to Knowl. 199.] 4to pamph. Washington, 1866.

Pimentel (Don Francisco).

Memoria sobre las Causas que han Originado la Situacion Actual de la Raza Indigena de Mexico y Medios de Remediarla. 8vo vol. Mexico. 1864.

Cuadro Descriptivo y Comparativo de las Linguas Indigenas de Mexico. 2 vols. 8vo. Mexico. 1862-65.

Dictamen de la Comision nombrada por la Sociedad Mexicana de Geografia y Estadistica para examinar la Obra intitulada Cuadro Descriptivo y Comparativo de las Linguas Indigenas de Mexico. 8vo pamph. Mexico. 1863.

Quetelet (Ad.).

Observations des Phénomènes Periodiques des Plantes et des Animaux pendant les Années 1861 et 1862. [Extr. du Tome XXXV. des Mém. Acad. Roy. de Belgique.] 4to pamph. Brussels.

Histoire des Sciences Mathématiques et Physiques chez les Belges. 8vo vol. Brussels. 1864.

Annuaire de l'Observatoire Royal de Bruxelles. 1865. 32^e Année. 18mo vol. Brussels. 1864.

Paroles prononcées lors des Funerailles de M. Jean Kicky. 8vo pamph. Brussels. 1864.

Sur les Époques comparées de la Feuillaison et de la Coloraison, etc. 8vo pamph. Brussels. 1864.

Quetelet (Ad.) et Heuschling (Xav.).

Statistique Internationale (Population) publiée avec la Collabora-

tion des Statisticiens Officiels des différents États de l'Europe et des États-Unis d'Amerique. Par Ad. Quetelet, President, et Xav. Heuschling, Secrétaire de la Commission Central de Statistique. 4to vol. Brussels. 1865.

Radcliffe Trustees.

Astronomical and Meteorological Observations made at the Radcliffe Observatory, Oxford, in the Year 1862. Under the Superintendence of the Rev. Robert Main, M. A., Radcliffe Observer. Vol. XXII. 8vo. Oxford. 1865.

Rice (Hon. Alexander H.).

Message of the President of the United States and accompanying Documents to the Two Houses of Congress, at the Commencement of the Second Session of the 38th Congress. Part I. 4to vol. Washington. 1864.

Papers relating to Foreign Affairs, accompanying the Annual Message of the President to the 2d Session 38th Congress. Part II. 4to vol. Washington. 1865.

Agriculture of the United States in 1860; Compiled from the Original Returns of the Eighth Census, under the Direction of the Secretary of the Interior. By Joseph C. G. Kennedy, Superintendent of Census. 4to vol. Washington. 1864.

Richthofen (Ferdinand Baron, Dr. Phil.).

The Comstock Lode: Its Character, and the probable Mode of its Continuance in Depth. 8vo pamph. San Francisco. 1866.

Ryan (Matthew).

The Celebrated Theory of Parallels. Demonstration of the Celebrated Theorem, Euclid 1, Axiom 12. With Appendix containing the Philosophy of the Demonstration, together with the Partial Refutation of Sir William Hamilton's Philosophy of the Unconditioned or Infinite. 8vo pamph. Washington. 1866.

Sheppard (John H., A. M.).

Reminiscences of the Vaughan Family, and more particularly of Benjamin Vaughan, LL. D. Read before the New England Hist.-Geneal. Soc., Aug. 2, 1865. 8vo pamph. Boston. 1865.

Spofford (A. R.).

Alphabetical Catalogue of the Library of Congress. Authors. 4to vol. Washington. 1864.

Storer (Horatio Robinson, M. D., etc.).

Successful Removal of the Uterus and both Ovaries by Abdomi-

nal Section: The Tumor, Fibro-Cystic, weighing thirty-seven pounds. (Reprinted from the Am. Jour. of the Med. Sc. for Jan. 1866. 8vo pamph. Boston. 1866.

Strachey (Col. Richard, R. E.).

Palæontology of Niti in the Northern Himalaya; being Descriptions and Figures of the Palæozoic and Secondary Fossils. . . . Descriptions by J. W. Salter, F. G. S., A. L. S.; and H. F. Blandford, A. R. S. M., F. G. S. 8vo vol. Calcutta. 1865.

Sumner (Hon. Charles).

Speech on the Bill to maintain the Freedom of the Inhabitants in the States declared in Insurrection and Rebellion by the Proclamation of the President of July 1, 1862. 8vo pamph. Washington. 1865.

The Equal Rights of All: The great Guarantee and present Necessity, for the Sake of Security, and to maintain a Republican Government. Speech of Hon. Charles Sumner . . . in the U. S. Senate, Feb. 6 and 7. 1866. 8vo pamph. Washington.

A Republican Form of Government: Our first Duty and the essential Condition of Peace. Bills and Resolutions by Hon. Charles Sumner of Massachusetts, in the Senate of the United States, at the opening of Congress, Dec. 4, 1865. 8vo pamph. Washington, 1865.

No Compromise of Human Rights. No Admission in the Constitution of Inequality of Rights or Disfranchisement on Account of Color. Speech of Hon. Charles Sumner, on the proposed Amendment of the Constitution, fixing the Basis of Representation. Delivered in the Senate of the United States, March 7, 1866. 8vo pamph. Washington. 1866.

Report of the Commissioner of Agriculture (Isaac Newton) for the Years 1863, 1864. 2 vols. 8vo. Washington. 1863-65.

Letter of the Commissioner of Agriculture (Isaac Newton), transmitting the Report of the Commission appointed under an Act of Congress . . . "for Investigations to test the Practicability of cultivating and preparing Flax or Hemp as a Substitute for Cotton. 8vo pamph. Washington. 1865.

Report of the Commissioner of Patents (D. P. Holloway) for the Year 1862, — Arts and Manufactures. 2 vols. 8vo. Washington. 1864-65.

Report of the Joint Committee of the Senate and House of Representatives.

sentatives, directed to inquire into the Origin of the Fire by which the Smithsonian Institution Buildings, and the Valuable Deposits therein, were, on Tuesday, the 24th of January, in Whole or in Part, destroyed. 8vo pamph. Washington. 1865.

Trembley (J. B., M. D.).

Annual Meteorological Synopsis for the Year 1865. Observations taken Three Times per Day, by J. B. Trembley, M. D., in the City of Toledo, Ohio. 12mo pamph. Toledo.

Tuckerman (Prof. Edward, M. A.).

Lichens of California, Oregon, and the Rocky Mountains, so far as yet known. With an Appendix. 8vo pamph. Amherst, Mass. 1866.

Vose (George L., Civ. Eng.).

Orographic Geology ; or, The Origin and Structure of Mountains. A Review. 8vo vol. Boston. 1866.

Geologie der Schweiz. Von B. Studer, Ph. D., Prof. Geol. u. Min. in Bern. 2 vols. 8vo. Bern & Zurich. 1851 - 53.

Warren (J. Mason, M. D.).

Fissure of the Soft and Hard Palate. By J. Mason Warren. M. D. [Extr. from Trans. of the Am. Med. Assoc.] 12mo pamph. Philadelphia. 1865.

Annales d'Hygiène et de Médecine Legale. Par M.M. Adelon, Andral, Barruel, D'Arcet, Devergie, etc. 16 vols. 8vo. Paris. 1829 - 36.

Cours d'Histoire Moderne. (Par M. Guizot, Prof. d'Hist. à la Faculté des Lettres de Paris.) Histoire de la Civilization en France depuis la Chute de l'Empire Romain jusqu'en 1789. 4 vols. 8vo. Paris. 1829 - 30.

Cours d'Histoire Moderne Histoire Générale de la Civilization en Europe. 8vo vol. Paris. 1828.

Conseils de Morale ou Essais sur l'Homme. . . . (Par M^{me} Guizot.) 2 vols. 8vo. Paris. 1828.

Lettres de Famille sur l'Éducation. (Par M^{me} Guizot.) 2^e ed. 2 vols. 8vo. Paris. 1828.

Congrès de Vérone. Guerre d'Espagne. Négociations : Colonies Espagnoles. (Par M. De Chateaubriand.) 2 vols. 8vo. Paris. 1838.

Nouvelles Considerations sur les Rapports du Physique et du Moral de l'Homme. Ouvrage Posthume de M. Maine De Biran. Publié par M. Cousin. 8vo vol. Paris. 1834.

Cours de Philosophie. Par M. V. Cousin. . . . Histoire de la Philosophie du Dix-Huitième Siècle. Tome II. 8vo. Paris. 1829.

De l'Irritation et de la Folie. Ouvrage dans lequel les Rapports du Physique et du Moral sont établis sur les Bases de la Médecine Physiologique. Par F. J. V. Broussais. . . . 2^e ed. 2 vols. 8vo. Paris. 1839.

Lettres sur l'Histoire de France pour servir Introduction à l'Étude de cette Histoire. Par Augustin Thierry. . . . 5^e ed. 8vo vol. Paris. 1836.

Mélanges Philosophiques. Par Théodore Jouffroy, Membre de l'Institut., etc. 8vo vol. Paris. 1833.

Biographie des Hommes Remarquables, du Departement de Seine-et-Oise depuis le Commencement de la Monarchie jusqu'à ce Jour. Par MM. E. et H. Daniel, de Versailles. 8vo vol. Versailles et Paris. 1832.

Géologie appliquée aux Arts et à l'Agriculture, comprenant l'Ensemble des Revolutions du Globe. . . . Par MM. C. Dorbigny et A. Gente. 8vo vol. Paris.

Annuaire de Chimie ; comprenant les Applications de cette Science à la Médecine et à la Pharmacie ou Répertoire des Découvertes et des Nouveaux Travaux en Chimie faits dans les diverses Parties de l'Europe. Par E. Millon et J. Reiset, avec la Collaboration de J. M. Nickles. 1849. 8vo vol. Paris. 1849.

Weitenweber (Dr. W. R.).

Vortrag des Geschäftsleiters in der General-Versammlung der Gesellschaft des Museums des Königreiches Böhmen am 22 Mai, 1864. 8vo pamph. Prague. 1864.

Neuere Forschungen des Dr. Carl Schimper in Schwetzingen-Besprochen in der Sitzung des Vereines "Lotos" in Prag am 6 November, 1863. Von Freihern von Leonhardi. 8vo pamph. Prague. 1863.

Die Pharmacognostische Sammlung des Apothekers Josef Dittrich in Prag, Nr. 219 - III. Ausgestellt zur Feier der dritten General Versammlung des Allgemeinen Oesterrischen Apotheker-Vereines am 1 und 2 September, 1863, in Prag. 8vo pamph. Prague. 1863.

Wetherill (Charles M., Ph. D., M. D.)

A Brief Sketch of the Modern Theory of Chemical Types. 8vo pamph.

Experiments with the Ammonium Amalgam. [From the Am. Jour. of Sc. & Arts. Vol. XL. Sept. 1865.] 8vo pamph. New Haven.

On the Crystallization of Sulphur, and upon the Reaction between Sulphid of Hydrogen, Ammonia, and Alcohol. [From Am. Jour. of Sc. & Arts. Vol. XL. Nov. 1865.] 8vo pamph. New Haven.

On the Crystalline Nature of Glass. [From the Am. Jour. of Sc. & Arts. Vol. XLI. Jan. 1866.] 8vo pamph. New Haven.
Wilder (Burt G., S. B., Late Surg. of 55th Mass. Vols.)

On the Nephila Plumipes, or Silk Spider. [From Proc. of Am. Acad. of Arts & Sciences, Vol. VII. Nov. 1865.] 8vo pamph.

On Morphology and Teleology, especially in the Limbs of Mammalia. [From Mem. read before the Boston Soc. of Nat. Hist. Vol. I. No. 1.] 4to pamph. Cambridge. 1865.

Williams (Henry W., M. D., etc.).

Recent Advances in Ophthalmic Science. The Boylston Prize Essay for 1865. 12mo vol. Boston. 1866.

Wilson (Hon. Henry).

Official Army Register for 1865. 8vo pamph. Washington. 1866.

Message of the President of the United States, and Accompanying Documents, to the Two Houses of Congress, at the Commencement of the 2d Session of the 38th Congress. Parts 1, 2, 3, 4. 4 vols. 8vo. Washington. 1864-65.

Message . . . to the Two Houses of Congress . . . 1st Session of the 39th Congress, with the Reports of the Heads of Departments, and Selections from Accompanying Documents. 8vo vol. Washington. 1866.

Report of the Secretary of the Treasury (S. P. Chase) on the State of the Finances for the Year ending June 30, 1863. 8vo vol. Washington. 1863.

Winkler (T. C.).

Musée Teyler. Catalogue Systématique de la Collection Paléontologie Deuxième et Troisième Livraisons. 2 pamph. 8vo. Harlem. 1864-65.